

WHAT IS CLAIMED IS:

Sub-A 1. A display device comprising:

a display panel having an electrooptic material layer on a substrate, said display panel having a driver integrated circuit mounted on an extended area in which an edge of the substrate, said extended area provided in at least a margin of said display panel, wherein a control circuit board, provided above said driver integrated circuit so as to be substantially placed within said extended area, is connected to an input terminal portion of said driver integrated circuit.

2. A display device comprising a display panel having an electrooptic material layer sandwiched between a pair of substrates disposed opposite to each other, said display panel having a driver integrated circuit mounted on an extended area in which an edge of one of the substrates extends further than an edge of the other substrate, said extended area provided in at least a margin of said display panel, wherein a control circuit board, provided above said driver integrated circuit so as to be substantially placed within said extended area, is connected to an input terminal portion of said driver integrated circuit.

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second extended area are connected to an output terminal
portion of said control circuit board.

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7. A display device according to Claim 2, wherein said control circuit board has a multilayer structure having insulating a layer interposed between a plurality of wiring layers in which predetermined upper and lower wiring layers
5 are connected via a through hole or a via hole.

Sub B17

8. A display device according to Claim 5, wherein said control circuit board includes a flexible input wiring portion.

9. A display device according to Claim 2, wherein said electrooptic material layer is a liquid-crystal layer.

10. A display device according to Claim 1, wherein said electrooptic material layer is an electroluminescent light-emitting layer including an electroluminescent material.

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Sub A³

- a display device provided with a display panel having an electrooptic material on a substrate, said display panel having a driver integrated circuit mounted on an extended area in which an edge of the substrate, said extended area provided in at least a margin of said display panel, wherein a control circuit board, provided above said driver integrated circuit proximate said extended area, is connected to the input terminal portion of said driver integrated circuit; and

an input unit for inputting a signal to said display device;

wherein said display device is accommodated in a casing.


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an input unit for inputting a signal to said
30 display device;

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13. An electronic apparatus according to Claim 11, wherein the input terminal portion of said driver integrated circuit above which said control circuit board is mounted is connected to an end of an input wiring portion formed on said extended area in which said driver integrated circuit is mounted, and another end of the input wiring portion is extended through to a vicinity of a shorter side of said extended area and is connected to said control circuit board.

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14. An electronic apparatus according to Claim 11, wherein said control circuit board comprises a circuit-wiring pattern formed on a flexible insulating-resin substrate and electronic components mounted thereon for controlling a driving of said display panel.

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15. An electronic apparatus according to Claim 12, wherein said control circuit board, mounted on one of the first extended area and the second extended area, extends so as to be connected to an end of an input wiring portion formed close to a shorter side of the other said extended area which is adjacent to said one of the extended areas.

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16. An electronic apparatus according to Claim 11,
wherein said control circuit board has a multilayer
structure having an insulating layer interposed between a
plurality of wiring layers in which predetermined upper and
5 lower wiring layers are connected by a through hole.

17. An electronic apparatus according to Claim 14,
wherein said control circuit board includes a flexible input
wiring portion.

Sub A5

18. An electronic apparatus according to Claim 11,
wherein said electrooptic material layer is a liquid-crystal
layer.

19. An electronic apparatus according to Claim 11,
wherein said electrooptic material layer is an
electroluminescent light-emitting layer including an
electroluminescent material.

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20. An electronic apparatus according to Claim 11,
wherein the control circuit board of said display device
includes a flexible input wiring portion for establishing
connection to said input unit.

Sub A6

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25. A display device according to Claim 7, wherein said control circuit board includes a flexible input wiring portion.

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26. A display device according to Claim 3, wherein said electrooptic material layer is an electroluminescent light-emitting layer including an electroluminescent material.

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27. An electronic apparatus according to Claim 12, wherein said control circuit board comprises a circuit-wiring pattern formed on a flexible insulating-resin substrate and electronic components mounted thereon for
5 controlling a driving of said display panel.

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28. An electronic apparatus according to Claim 12, wherein said control circuit board has a multilayer structure having an insulating layer interposed between a plurality of wiring layers in which predetermined upper and
5 lower wiring layers are connected by a through hole.

29. An electronic apparatus according to Claim 15, wherein said control circuit board includes a flexible input wiring portion.

30. An electronic apparatus according to Claim 12,
wherein said electrooptic material layer is a liquid-crystal
layer.

31. An electronic apparatus according to Claim 12,
wherein the control circuit board of said display device
includes a flexible input wiring portion for establishing
connection to said input unit.

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